



Additional file 2. Propranolol, but not nadolol, evokes LPA mimicking binding response in the white matter areas of rat brain. Horizontal brain sections were incubated using a three-step autoradiography protocol as detailed in Methods. Test chemicals were included during the [35 S]GTP γ S labelling step (step 3) in the presence of 0.1 % BSA. Treatment with propranolol (1 mM), but not with control compound nadolol (1 mM), results in G protein activity in the LPA $_1$ receptor enriched white matter tracts, a response that is mimicked by exogenous LPA (10 μ M) (cc, corpus callosum; fi, fimbria of the hippocampus). Scale bar = 5 mm.